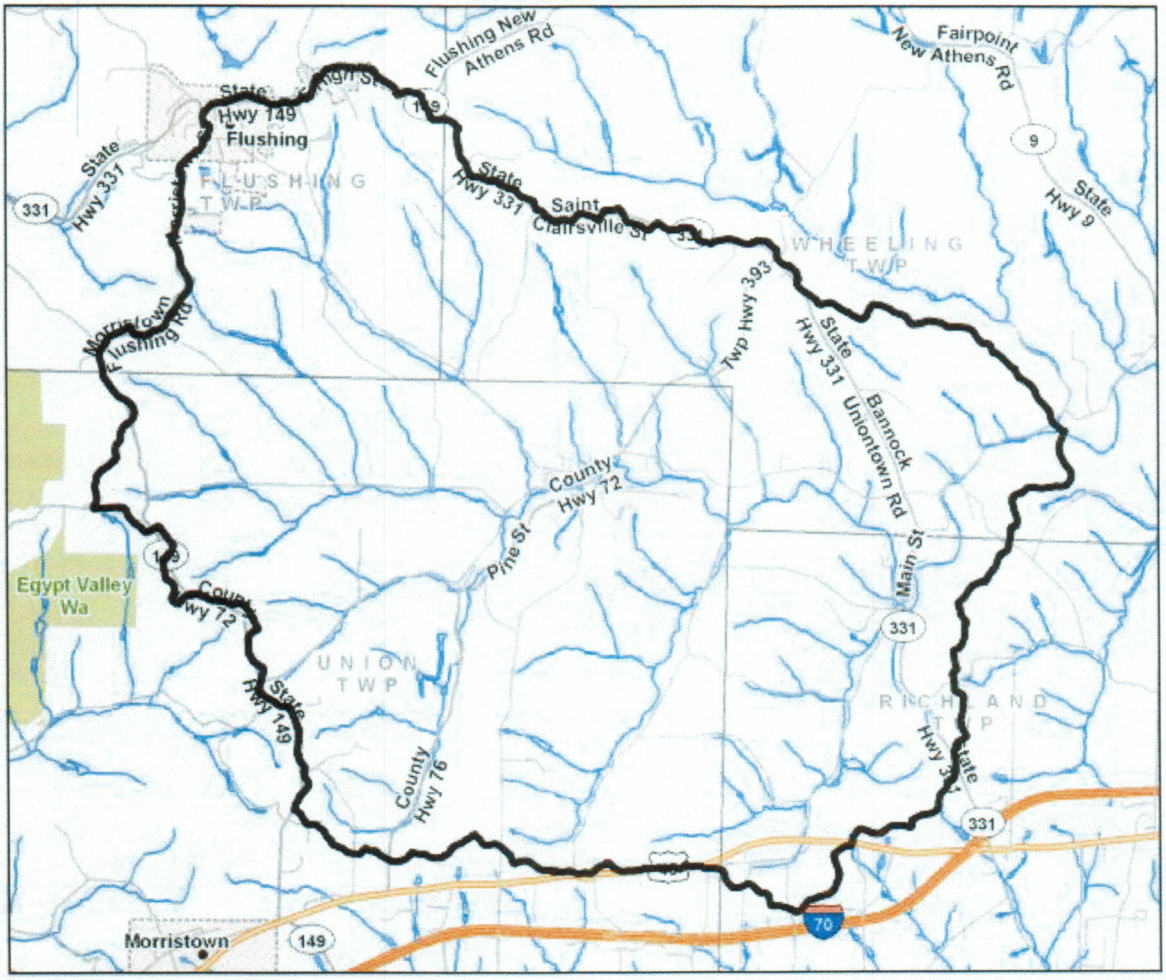
Headwaters Wheeling Creek Watershed 050301060302



0 2,350 4,700 9,400 Feet

1 inch = 1.24 miles

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ERIN Watershed Report

6/13/2011

Headwaters Wheeling Creek

Watershed: 16320.6 acres 25.5 square miles

Hydrologic unit code (12 digit): 050301060302
(old 14 digit): 05030201120040
05030202010010

Watershed Coordinator: N/A
Email: N/A
Phone: N/A

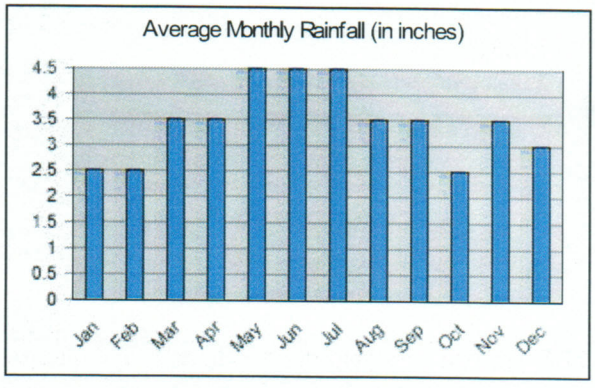
Watershed Action Plan: N/A

Ohio EPA

Aquatic Life Use attainment: Impaired needing TMDL
Watershed Assessment Report

Climate

Average annual maximum temperature: 84 F
Average annual minimum temperature: 19 F
Average annual Precipitation: 41 inches



In the Watershed

Soil and Water Conservation Districts

Belmont	16320.6 acres

Municipalities

Flushing	247.0 acres

School Districts

St. Clairsville-richland City	3971.3 acres
Union Local	12349.3 acres

Area having Probable Karst features: 16334.2 acres

Bedrock: siltstone, shale, mudstone

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ERIN Watershed Report

6/13/2011

Census

Population (reported by block)

1980: 2110 1990: 1335 2000: 1554

People (reported by tract)

Rural:	1173
Urban:	380
Agricultural:	28
In Labor Force:	633

Education (reported by tract)

Enrolled K-12:	268
Enrolled college:	70
Completed <9:	540
Completed HS diploma or GED:	485
Some college:	205
Associates degree:	69
Bachelors degree:	69
Graduate degree:	32

Households (reported by tract)

Average Size:	2.6
Average Income:	$41,743

Soil Resources

Prime farmland:	2386.0 acres
Highly erodible land:	15053.4 acres
Frequently flooded:	180.0 acres
Hydric:	0.0 acres
Partially hydric:	3380.8 acres

Soil Drainage

Well:	10687.3 acres
Moderately well:	4885.7 acres
Somewhat poorly:	192.6 acres
Poorly drained:	0.0 acres

Hydrologic Soil Group

A:	42.5 acres
B:	4984.2 acres
C:	10450.5 acres
D:	95.8 acres
A/D:	0.0 acres
B/D:	180.0 acres
C/D:	12.5 acres

Water Resources

100 year floodplain:	488.6 acres
Wetlands (2007):	468.3 acres
Ponds & Lakes:	193.7 acres
Streams & Rivers:	60.8 acres
Approximate number of water wells:	25
Area highly sensitive to groundwater contamination:	16334.2 acres
Area above Sole Source Aquifer:	0.0 acres
Area in the Emergency Management Zone:	0.0 acres
Ohio EPA permitted Combined Sewer outflow locations:	0

Land Use and Environment

Conservation & Recreation Land:	0.0 acres

Resource Conservation Activities

BMP installation and land user assistance:	13.0 sites
	0.2 acres
Ohio EPA Approved bio-solid application fields:	610.3 acres
Ohio EPA/ODA combined animal feeding operations and facilities:	0.0 acres
Ohio EPA NPDES industrial and municipal discharge permits:	2
Dams:	5
Pre-settlement vegetation:	Mixed Oak Forests Oak-Sugar Maple Forests Mixed Mesophytic Forests
Ecological region:	Monongahela Transition Zone, Permian Hills

Land Use (acres)

	2009	2001	1994
Agriculture	8903.0	10272.1	9954.3
Water	69.0	129.0	80.4
Urban	1487.1	363.4	52.3
Forest	5871.6	5087.8	5592.8
Barren	7.7	411.7	284.6
Shrub/Scrub	0.0	73.6	369.9

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Watershed impairments (Ohio EPA)

Causes	Sources
N/A	N/A

Ohio EPA Source Water intakes and Protection Areas

System	# of intakes	Acres
Cincinnati PWS	0	16320.6
Ironton Pws	0	16320.6
Portsmouth PWS	0	16320.6
Twin City Water And Sewer District Pws	0	9.7

Ohio EPA Ground water wells and Protection Areas by time of travel

System	# of wells	1 year (acres)	5 year (acres)
N/A	N/A	N/A	N/A

Ohio EPA Aquatic Life Use Designation Miles

	Miles
Coldwater Habitat (CWH)	0.0
Exceptional Warmwater Habitat (EWH)	0.0
Warmwater Habitat (WWH)	0.0
Limited Resource Water (LRW)	0.0
Limited Warmwater Habitat (LWH)	9.6
Modified Warmwater Habitat (MWH)	0.0
Seasonal Salmonid Habitat (SSH)	0.0

Ohio EPA Aquatic Life Use Designation

Stream	Stream Segment Description	Aquatic Life Use Designation
Wheeling Creek	N/A	LWH

Ohio EPA Stream Classifications

	Miles
Superior High Quality Waters	0.0
Primary Contact Recreation Class A Waters	0.0
Outstanding State Waters	0.0

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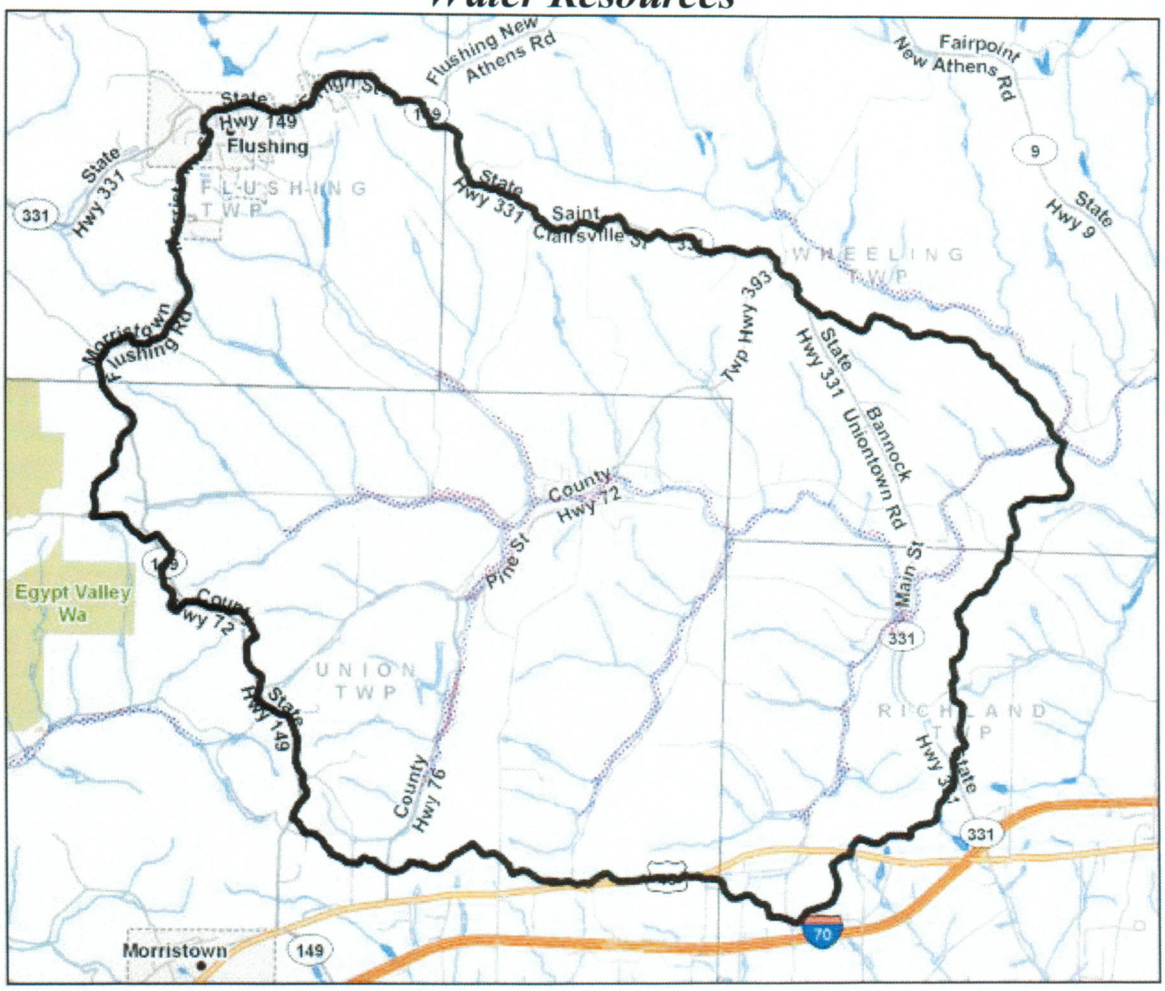
Headwaters Wheeling Creek Watershed Water Resources



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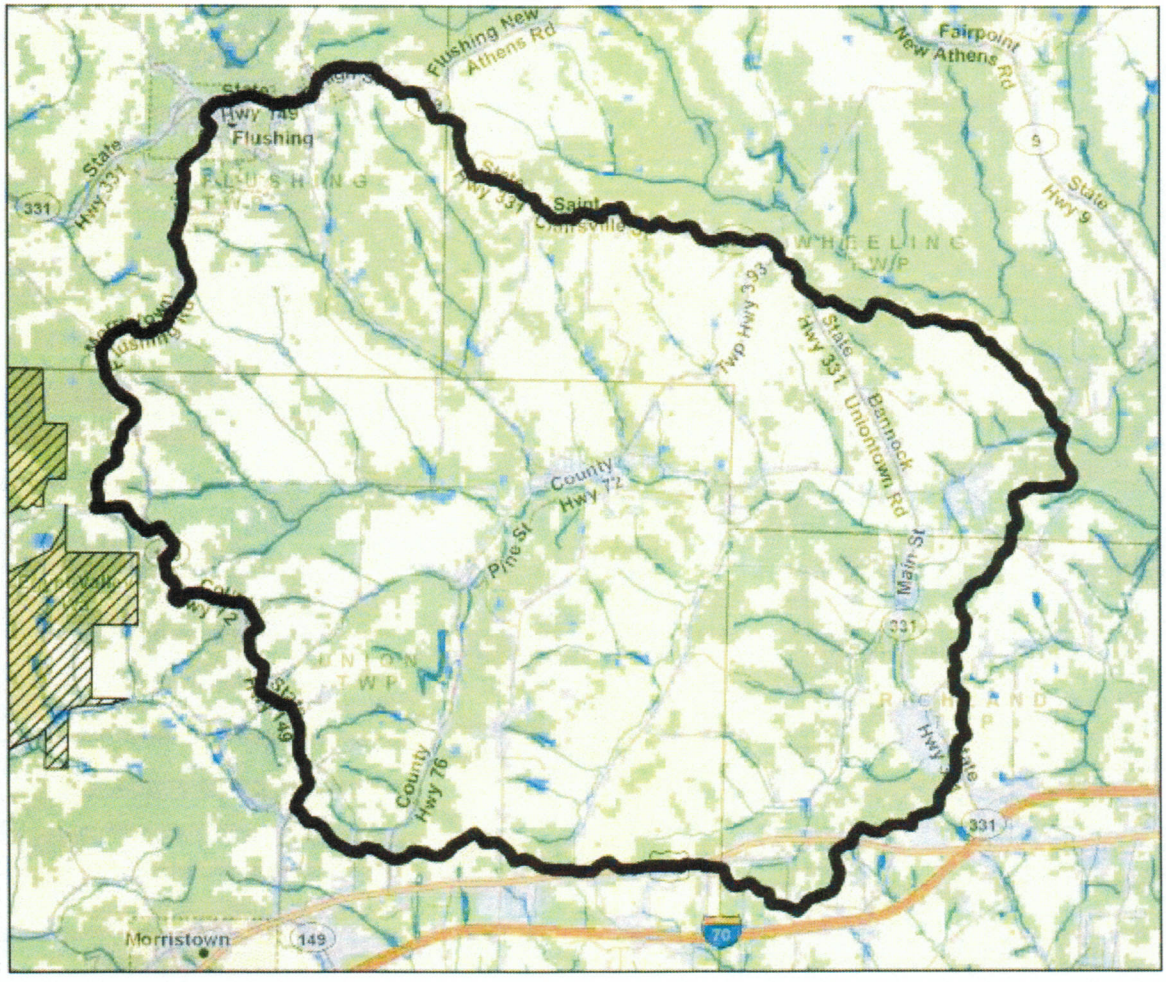
Headwaters Wheeling Creek Watershed Land Use



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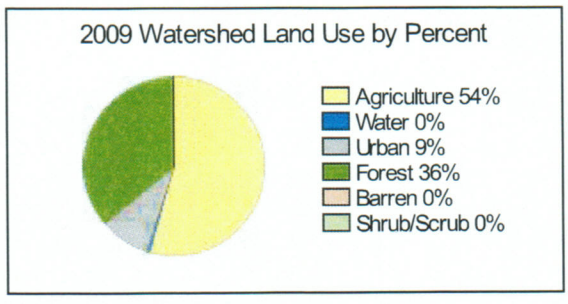

Conservation and Recreational Land

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